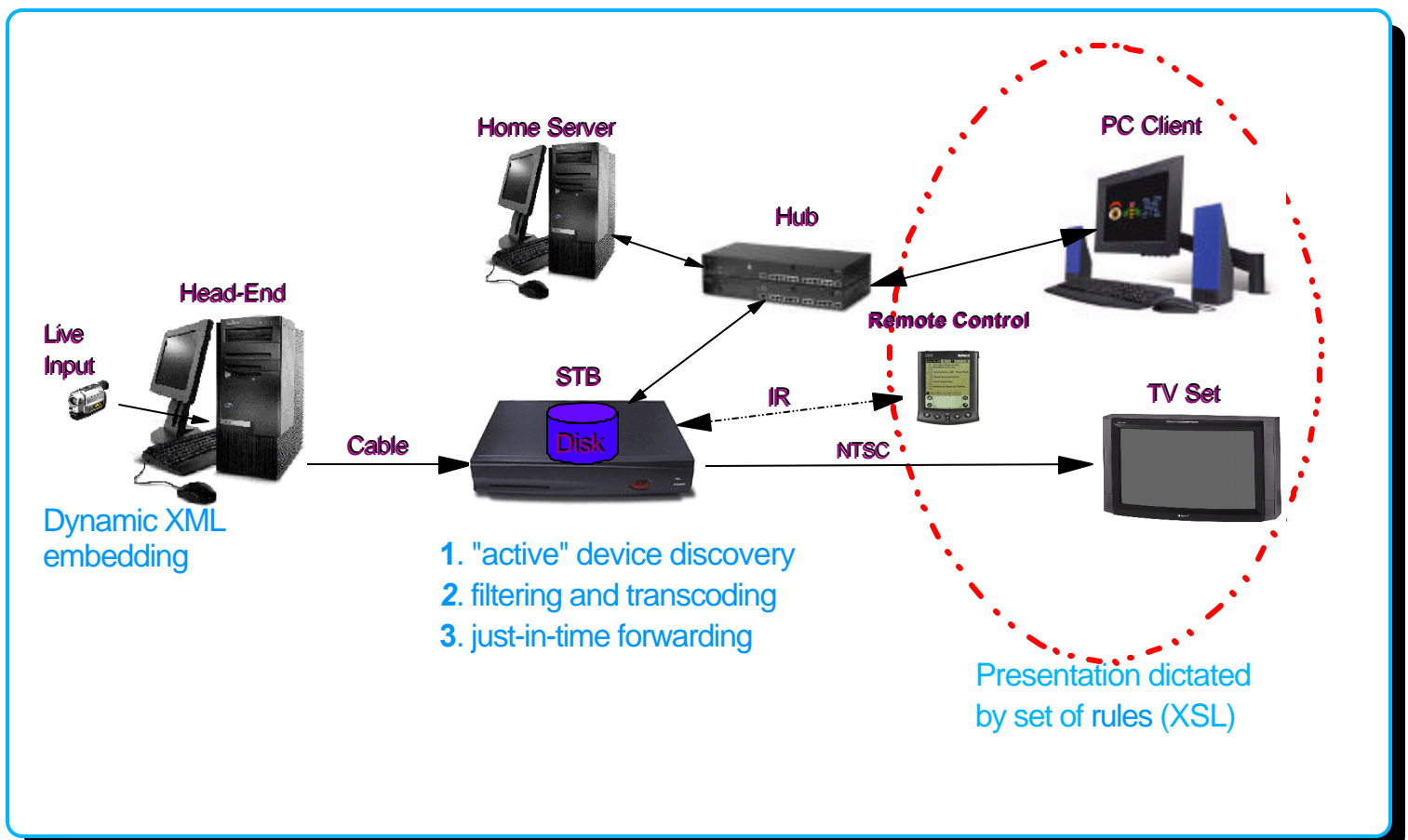# Scalable Multi-Windowed Digital Television

✓ **Concepts:**

- Multi-Windowing enables pervasive devices to display the information filtered by set-top-boxes.
  - ▶ Set-Top-Box (STB) as gateway to the home.
  - ▶ Pervasive home devices: TV set., high-end PC, display-capable remote control.
- Scalability
  - ▶ Link bandwidth and display capabilities.

✓ **Basic Technologies:**

Home Server

Hub

Head-End

Live Input

Dynamic XML embedding

Cable

STB

Disk

IR

Remote Control

NTSC

PC Client

TV Set

1. "active" device discovery
2. filtering and transcoding
3. just-in-time forwarding

Presentation dictated by set of rules (XSL)

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